



Curriculum Vitae



Personal Data

Name: Mohamed Gamaleldin Hassan Oraby

Date of Birth: Jan. 1, 1976, Egypt.

Birth place: Sohag Egypt

Marital status: Married with children

Citizenship: Egyptian

Current Position: Lecturer of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy Sohag University, Sohag, 82524, Egypt.

Contact details: **Work:** 002-093-4605601

Mobil: 002-01065787854 - 01112229030

Fax: 002-093-4605601

E-mail: moh-oraby@pharm.sohag.edu.eg

oraby76@yahoo.com

Postal address: Department of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Sohag University, Sohag 82524, Egypt.

Language Abilities:

Arabic (mother language).

English: writing and speaking (Excellent).

Academic Qualifications

1/ 2022 Assistant professor.

12/ 2013 Doctor of Philosophy, **PhD. (Pharmaceutical Sciences)**, thesis "**Development of sensitive HPLC method with fluorescence detection for determination of memantine and its application to pharmacokinetic study**". Faculty of Pharmacy, Assiut University, Assiut, Egypt.

12/ 2005 Master degree of Pharmaceutical Sciences (Pharmaceutical Analytical Chemistry). "**Analysis of some pharmaceutical thiols and thioamides in**

pure, dosage forms and in biological fluids". Faculty of Pharmacy, Assiut University, Assiut, Egypt.

7/ 1999 Bachelor degree of Pharmaceutical Sciences, Faculty of Pharmacy, Al-Azhar University, Assiut, Egypt, with the general grade: Very Good, with degree of honour.

Career Progression

- 12/ 2019- till now** Manager of the Quality Assurance Unit, Faculty of Pharmacy, Sohag University, Sohag, Egypt.
- 1/ 2016- till now** Supervisor of the Department of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Sohag University, Sohag, Egypt.
- 5/2015- till now** Lecturer and supervising Department of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Sohag University, Sohag, Egypt.
- 3/2014 - 4/2015** Lecturer, Department of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Al-Azhar University., Assiut, Egypt.
- 7/ 2009- 6/ 2011** Joint Supervision Mission for two years at the Graduate School of Biomedical Sciences, Nagasaki University, Nagasaki, Japan.
- 12/2005 -12/2013** Assistant Lecturer, Department of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Al-Azhar University, Assiut, Egypt.
- 12/ 2000- 12/2005** Demonstrator, Department of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Al-Azhar University, Assiut, Egypt.

Professional Membership

The Egyptian Pharmacists' syndicate, [Sohag, Egypt], since **1999**.

Skills & Experience

- 1. Teaching** of undergraduate students' different courses of Pharmaceutical Analytical Chemistry, such as:
 - a.** Pharmaceutical Analytical Chemistry for First year Students: Faculty of Pharmacy, Al-Azhar University, Assiut.
 - b.** Pharmaceutical Analytical Chemistry 1 & 2 for First year Pharm D Students: Faculty of Pharmacy, Sohag University. Sohag.
 - c.** Pharmaceutical Analytical Chemistry 1 & 2 for First year Pharm D Clinical Students: Faculty of Pharmacy, Sohag University. Sohag.
 - d.** Pharmaceutical Analytical Chemistry 3 for Second year Pharm D Students: Faculty of Pharmacy, Sohag University. Sohag.

- e. Pharmaceutical Instrumental Analysis for Second year Pharm D Clinical Students: Faculty of Pharmacy, Sohag University. Sohag.
- f. Quality Control of Drugs for Fourth year Clinical Students: Faculty of Pharmacy, Sohag University. Sohag.

2. Dissertation Supervision

Master thesis, Ahamed Saad Ahmed, demonstrator in Department of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Sohag University, Sohag, Egypt (2019-till now) at the faculty of pharmacy, Minia University. Under tile " **Analysis of some antihistaminic and anti-inflammatory drugs using different spectroscopic and chromatographic methods**"

Research Interest

- HPLC determination of pharmaceuticals in biological fluids.
- Pharmacokinetic study of pharmaceuticals.
- Enantiomer separation.
- Spectroscopic determination of pharmaceuticals.
- Electrochemical methods for the analysis of pharmaceuticals.

Scholarships, Honours, and Awards

2007 Joint Supervision Mission for two years from the Egyptian ministry of higher education.

List of Publications

A. Published articles

1. Ahmed A.Khorshed, Fatma M.Abdelnaeem, Sayed M.Derayea, Dalia M. Nagy, and **Mohamed Oraby**. Ultrasensitive TLC determination of montelukast and loratadine mixture in human plasma utilizing fluorescence detection at dual pH values: Toward attaining separate maximum fluorescence intensity. **Journal of Chromatography B**, **1193**, 2022, 123161. <https://doi.org/10.1016/j.jchromb.2022.123161>
2. Khaled Badr El-Din, Ahmed Ahmed, Ahmed Khorshed, Sayed Derayea, and **Mohamed Oraby**. Smart Spectrophotometric Methods Based on Feasible Mathematical Processing and Classical Chemometry for The Simultaneous Assay of Alcaftadine and Ketorolac in Their Recently Approved Pharmaceutical Formulation. **Egyptian Journal of Chemistry**, **65** (2), 2022, 167 - 174. DOI: [10.21608/EJCHEM.2021.82464.4098](https://doi.org/10.21608/EJCHEM.2021.82464.4098)
3. Ahmed Khorshed, Mohamed M Elsutohy, Abobakr A. Mohamed and **Mohamed Oraby**. HPTLC method for the ultrasensitive detection of triamterene in plasma. **Journal of Chromatographic Science**, 2021, 1–8. <https://doi.org/10.1093/chromsci/bmab076>

4. **Mohamed Oraby**, Ahmed S. Ahmed Mohamed A. Abdel-Lateef, Mahmoud A. H. Mostafa, and Ahmed I. Hassan. Employ FTIR spectroscopic method for determination of certain Multiple Sclerosis medications in plasma and pharmaceutical formulations. **Microchemical Journal**, **167**, 2021, 106329. <https://doi.org/10.1016/j.microc.2021.106329>
5. K. Yugender Goud, K. Koteswara Reddy, Ahmed Khorshed, V. Sunil Kumar, Rupesh K. Mishra, **Mohamed Oraby**, Alyaa Hatem Ibrahim, Hern Kim, and K. Vengatajalabathy Gobi. Electrochemical diagnostics of infectious viral diseases: Trends and challenges. **Biosensors and Bioelectronics**, **180** (2021) 113112. <https://doi.org/10.1016/j.bios.2021.113112>
6. Mohamed A. Abdel-Lateef, Sayed M Derayea, Deena A. M. Nour El-Deen and **Mohamed Oraby**. Investigating the interaction of terbinafine with xanthenes dye for its feasible determination applying resonance Rayleigh scattering technique. **Royal society Open Science**, **7** (2021) 201545. <https://doi.org/10.1098/rsos.201545>
7. **Mohamed Oraby**, Antar A. Abdelhamid, Khaled M. H. Mohamed, Abul-Hamd E. Mehanni, and Mohamed M. Elsutohy. A rapid and simple spectrophotometric method for the determination of antiviral and anti-Parkinsonism drugs. **Journal of applied Spectroscopy**, **87** (2020) 289-295. <https://doi:10.1007/s10812-020-00998-0>
8. Saad A. Alkahtani, Mohamed M. El-Wekil, Ashraf M. Mahmoud, Mater H. Mahnash, and **Mohamed Oraby**. One pot synthesis of AuPdPt trimetallic nanohybrid decorated reduced graphene oxide nanosheets for ultrasensing of anti-convulsant drug retigabine (ezogabine). **Journal of the Electrochemical Society**, **166** (2019) H521-H526. [doi: 10.1149/2.0791912jes](https://doi.org/10.1149/2.0791912jes)
9. **Mohamed Oraby**, Ahmed Khorshed, Eman Abdul-Rahman, Ramadan Ali and Mohamed M Elsutohy. A clinical study for the evaluation of pharmacokinetic interaction between daclatasvir and fluoxetine. **Journal of Pharmaceutical and Biomedical Analysis**, **171** (2019) 104-110. <https://doi.org/10.1016/j.jpba.2019.03.065>
10. **Mohamed G. Hassan**, Rie Ikeda, Mitsuhiro Wada, Naotaka Kuroda, Hanaa M. Abdel-Wadood, Horria A. Mohamed and Kenichiro Nakashima. Interaction study of acetylcholinesterase inhibitors on pharmacokinetics of memantine in rat plasma by HPLC-fluorescence method. **Biomedical Chromatography**; **27** (2013), 1685–1689. [DOI 10.1002/bmc.2980](https://doi.org/10.1002/bmc.2980)
11. **Mohamed G. Hassan**, Kamla M. Emara, Horria A. Mohamed, Hanaa M. Abdel-Wadood, Rie Ikeda, Mitsuhiro Wada, Naotaka Kuroda and Kenichiro Nakashima. Determination of memantine in rat plasma by HPLC-fluorescence method and its application to study of the pharmacokinetic interaction between memantine and methazolamide. **Biomedical Chromatography**; **26** (2012), 214–219. [DOI 10.1002/bmc.1648](https://doi.org/10.1002/bmc.1648)

12. Kamla M. Emara, Ibrahim H. Refaat, Hanaa M. Abdel-Wadood and **Mohamed G. Hassan**. Spectrophotometric determination of certain drugs using Ammonium Cerium (IV) Sulfate and *p*-Dimethylaminobenzaldehyde. **Egyptian Journal of Pharmaceutical Sciences**; **48** (2007), 69-85.
13. Kamla M. Emara, Ibrahim H. Refaat, Hanaa M. Abdel-Wadood and **Mohamed G. Hassan**. Oxidized diphenylamine as a spectrophotometric reagent for the determination of some pharmaceutical thiols and thioamides. **Bulletin of Pharmaceutical Sciences, Assiut university**; **28** (2005), 225-236.

B. Books and Chapters

- a. Pharmaceutical Analytical Chemistry 1 & 2 for First year Pharm D Students: Faculty of Pharmacy, Sohag University. Sohag.
- b. Pharmaceutical Analytical Chemistry 1 & 2 for First year Pharm D Clinical Students: Faculty of Pharmacy, Sohag University. Sohag.
- c. Pharmaceutical Analytical Chemistry 3 for Second year Pharm D Students: Faculty of Pharmacy, Sohag University. Sohag.
- d. Pharmaceutical Instrumental Analysis for Second year Pharm D Clinical Students: Faculty of Pharmacy, Sohag University. Sohag.
- e. Quality Control of Drugs for Fourth year Clinical Students: Faculty of Pharmacy, Sohag University. Sohag.

Research Projects

Project entitled: Chiral separation of drugs using High performance liquid chromatography.

Project Number: 210933/ 2021.

The project is fully Funded by Management of Projects Unit, Sohag University.

Training Courses

1-	Statistical Analysis in Scientific Research (SPSS)	15-16/ 8/ 2021
2-	Competitive Research Projects	5-6/ 4/ 2021
3-	Communication Skills	30-31/ 3/ 2021
4-	Program Accreditation Criteria.	9-11/ 2/ 2021
5-	University Administration and Student Activities	29-31/12/ 2020
6-	Digital Transformation Certificate (Modules; Fundamentals of IT, Operating System and Word).	22/ 12/ 2020
7-	Anti-Corruption	7-8/ 10/ 2020

8-	Examination and student evaluation systems for colleges and institutes of higher education	8-9/ 1/ 2020
9-	Effective teaching and learning strategies for colleges and institutes of higher education	1-2/ 1/ 2020
10-	External review of colleges and institutes of higher education.	17-19/ 3/ 2019
11-	Strategic planning for colleges and institutes of higher education.	3-4/ 3/ 2019
12-	Programs and courses characterization and evaluation of learning outcomes for colleges and institutes of higher education.	17-19/ 2/ 2019
13-	Self-Assessment of colleges and institutes of higher education.	10-12/ 2/ 2019

Conferences and Workshops :

A. Oral Presentations:

Presentation entitled **“HPTLC method for the ultrasensitive detection of triamterene in plasma”**, “New Avenues in Pharmacy and Health Care”, in the Virtual Scientific Conference of Faculty of Pharmacy Tanta University, Tanta, Egypt (10-11/ 10/ 2020).

B. Posters:

1. Poster entitled **“Application of FTIR spectroscopic method for simultaneous determination of Fampridine, Dexamethasone, and Fluoxetine in pharmaceutical dosage forms”**, in The Fourth International Conference on Applied Chemistry (ICAC), Hurgada, Egypt (3-6/4/ 2021).
2. Poster entitled **“A rapid and simple spectrophotometric method for the determination of antiviral and anti-Parkinsonism drugs”**, in The Fourth International Conference on New Horizons in Basic and Applied Science (ICNHBAS), Hurgada, Egypt (26-29/ 7/ 2019).

I- Workshops

1-	HPLC column chemistry.	6/ 3/ 2021
2-	Nanotechnology.	3-4/ 2/ 2021
3-	Nuclear Magnetic Resonance (NMR): Basics and Applications.	13-15/ 1/ 2021
4-	Liquid Chromatography Mass Spectrometry (LC-MS) Basics and Applications.	11-15/ 7/ 2020